

File 348:EUROPEAN PATENTS 1978-2005/Jul W04

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File 349:PCT FULLTEXT 1979-2005/UB=20050728,UT=20050721

(c) 2005 WIPO/Univentio

File 324:German Patents Fulltext 1967-200529

(c) 2005 Univention

Set	Items	Description
S1	327	TELEMEDICINE
S2	1607918	REFERR??? ? OR REFER??? ? OR RECOMMEND?
S3	277112	RESEARCH?
S4	1631994	SEARCH? OR CONSULTANT?
S5	219596	SPECIALIST? ? OR PRACTITIONER? ? OR DOCTOR? ? OR THERAPIST? ? OR PHYSICIAN? ? OR SURGEON? ?
S6	7883	(MEDICAL OR HEALTH OR HEALTHCARE) (1W) (PROVIDER? ? OR PROFE- SSIONAL? ?)
S7	1530493	ONLINE OR LINE OR CYBERSPACE OR CYBER OR COMPUTERIS? OR CO- MPUTERIZ? OR VIRTUAL
S8	40007	(E OR ELEC OR ELECTRONIC OR COMPUTER) ( ) (MAIL???? ? OR MESS- AG? OR CORRESPOND?)
S9	25523	EMAIL? OR EMESSAG? OR ECORRESPONDEN?
S10	1904433	MAIL???? ? OR MESSAG? OR CORRESPOND?
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S12	3	S1(20N)CONSULTANT?
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S21	80	S20 AND AC=US/PR
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S25	22	S1(20N) (EXPERT? ? OR CLINICIAN? OR CARE(1W) (PROVIDER? ? OR PROFESSIONAL? ?))
S26	32	S13(5N) (EXPERT? ? OR CLINICIAN? OR CARE(1W) (PROVIDER? ? OR PROFESSIONAL? ?))
S27	48	S25:S26 NOT S21
S28	48	IDPAT (sorted in duplicate/non-duplicate order)
S29	48	IDPAT (primary/non-duplicate records only)
S30	30	S29 AND AC=US/PR
S31	18	S30 AND AY=(1960:1999)/PR
S32	10	S29 AND PY=1960:1999
S33	22	S31:S32

24/5,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01083369

INDEXING AND WEB-TECHNOLOGIES CONTROL INTERACTING WITH DATABASE  
INDEXIERUNGS UND NETZTECHNOLOGIEKONTROLLE WECHSELSEITIG WIRKEND MIT  
DATENBANK

INTERACTION D'UNE BASE DE DONNEES AVEC LA GESTION DE L'INDEXATION ET DES  
TECHNIQUES LIEES A L'INTERNET

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 976072 A1 000202 (Basic)  
EP 976072 B1 050525  
WO 1999042933 990826

APPLICATION (CC, No, Date): EP 99902733 990211; WO 99IB240 990211

PRIORITY (CC, No, Date): US 25376 980218

DESIGNATED STATES: DE; FR; GB; NL; SE

INTERNATIONAL PATENT CLASS: G06F-017/30

CITED PATENTS (EP B): EP -0849689 A; WO -96/31826 A; JP 11015716 A

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Grant: 050525 B1 Granted patent  
Application: 20000202 A1 Published application with search report  
Application: 991027 A1 International application. (Art. 158(1))  
Examination: 20000426 A1 Date of request for examination: 20000228  
Application: 991027 A1 International application entering European  
phase

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200521	180
CLAIMS B	(German)	200521	175
CLAIMS B	(French)	200521	198
SPEC B	(English)	200521	2262
Total word count - document A			0
Total word count - document B			2815
Total word count - documents A + B			2815

...SPECIFICATION read the diagnostic interpretation of the latest MRI study performed on that patient. Third, the **referring physician** simply sends the **message** without any specified period of notification, as in typical email use. On the other hand...

...with links to new of other relevant patient records in system 100 and delivers the **message** to the **referring physician** or forwards the **message** to the next care provider for the patient in this particular encounter according to procedural...

24/5,K/8 (Item 8 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00925372

COMPUTERIZED MEDICAL DIAGNOSTIC AND TREATMENT ADVICE SYSTEM INCLUDING  
NETWORK ACCESS

RECHNERGESTUTZTES MEDIZINISCHES DIAGNOSE- UND BERATUNGSSYSTEM MIT ZUGANG ZU  
EINEM KOMMUNIKATIONSNETZ

SYSTEME DE CONSEIL MEDICAL INFORMATISE POUR DIAGNOSTIC ET TRAITEMENT,  
COMPRENANT UN ACCES A UN RESEAU

PATENT ASSIGNEE:

First Opinion Corporation, (2787180), 8258 Prestwick Drive, La Jolla, CA  
92037-2046, (US), (Proprietor designated states: all)

INVENTOR:

Iliff, Edwin C., 8258 Prestwick Drive, La Jolla, CA 92037-2046, (US)

LEGAL REPRESENTATIVE:

Musker, David Charles et al (62142), R.G.C. Jenkins & Co. 26 Caxton  
Street, London SW1H 0RJ, (GB)

PATENT (CC, No, Kind, Date): EP 912957 A1 990506 (Basic)

EP 912957 B1 041208

WO 1998002837 980122

APPLICATION (CC, No, Date): EP 97937972 970711; WO 97US12162 970711

PRIORITY (CC, No, Date): US 21614 P 960712; US 21615 P 960712

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI

INTERNATIONAL PATENT CLASS: G06F-019/00

CITED PATENTS (EP B): WO 93/23819 A; DE 4430164 A; US 5619991 A; US 5633910

A

CITED PATENTS (WO A): P AP A A

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Grant: 041208 B1 Granted patent

Assignee: 20000112 A1 Transfer of rights to new applicant: First  
Opinion Corporation (2787180) 8258 Prestwick  
Drive La Jolla, CA 92037-2046 US

Lapse: 050629 B1 Date of lapse of European Patent in a  
contracting state (Country, date): FI  
20041208, GR 20050308,

Lapse: 050615 B1 Date of lapse of European Patent in a  
contracting state (Country, date): FI  
20041208,

Application: 980520 A1 International application (Art. 158(1))

Change: 20000112 A1 Inventor information changed: 19991125

Application: 990506 A1 Published application (A1with Search Report  
;A2without Search Report)

Examination: 990506 A1 Date of filing of request for examination:  
990212

Examination: 990818 A1 Date of dispatch of the first examination  
report: 19990701

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	200450	846
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CLAIMS B	(German)	200450	864
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CLAIMS B	(French)	200450	1050
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SPEC B	(English)	200450	22946
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Total word count - document A			0
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Total word count - document B 25706  
Total word count - documents A + B 25706

...SPECIFICATION or complaint mentioned by the caller. The nurse may then refer the caller to a **doctor** from a **computerized referral** list for a contracting hospital or group of hospitals. Client hospitals contract with Ask-A...

24/5,K/24 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00511581 \*\*Image available\*\*  
INDEXING AND WEB-TECHNOLOGIES CONTROL INTERACTING WITH DATABASE  
INTERACTION D'UNE BASE DE DONNEES AVEC LA GESTION DE L'INDEXATION ET DES  
TECHNIQUES LIEES A L'INTERNET

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V,  
PHILIPS AB,

Inventor(s):

BAR-GADDA Uzi,  
WONG Stephen,  
YU James Y-P,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9942933 A1 19990826  
Application: WO 99IB240 19990211 (PCT/WO IB9900240)  
Priority Application: US 9825376 19980218

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CN JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 2881

English Abstract

Multiple users interact through a medical electronic records database system. A first user sends to a second user an electronic notification having a pointer to a record. The notification is being delivered through push technology. The second user uses the pointer to retrieve the record through pull technology. The notification is being indexed in the database system as related to the record. The users can personalize the modality of the push and pull technologies.

French Abstract

Selon cette invention, plusieurs utilisateurs cooperent via un systeme de base de donnees d'enregistrements electroniques medicaux. Un premier utilisateur envoie a un second utilisateur une notification electronique designant un enregistrement. La notification est remise au destinataire selon la technique de pile directe. Le second utilisateur emploie le pointeur pour extraire l'enregistrement selon la technique de pile refoulee. La notification est indexee dans le systeme de base de donnees par rapport a l'enregistrement. Les utilisateurs peuvent personnaliser les modalites de mise en oeuvre pour l'exploitation des piles.

Patent and Priority Information (Country, Number, Date):

Patent: ... 19990826

Fulltext Availability:  
Detailed Description  
Publication Year: 1999

Detailed Description

... read the diagnostic interpretation of the latest MRI study performed on that patient. Third, the **referring physician** simply sends the **message** without any specified period of notification, as in typical email use. On the other hand...links to new of other relevant patient records in system 1 00 and delivers the **message** to the **referring physician** or forwards the **message** to the next care provider for the patient in this particular encounter according to procedural...  
? t24/5,k/25-26,29-31,33

24/5,K/25 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00496490 \*\*Image available\*\*  
**VISUAL FIELD TESTING VIA TELEMEDICINE**  
**TEST DU CHAMP VISUEL PAR TELEMEDICINE**

Patent Applicant/Assignee:

VIRTUAL-EYE COM,  
ORINCON CORP,  
BRAEUNING Johannes,  
SCHUELLER Stefan,

Inventor(s):

BRAEUNING Johannes,  
SCHUELLER Stefan,  
MCCLURE Richard J,  
WROBLEWSKI Dariusz,  
MASSENGILL R Kemp,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9927842 A1 19990610  
Application: WO 98US25485 19981202 (PCT/WO US9825485)  
Priority Application: US 9767521 19971204; US 9889817 19980619; US  
9890214 19980622; US 98179112 19981026

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA IL JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: A61B-003/00

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 3743

English Abstract

The present invention is a method, and an apparatus for the performance, the auto-interpretation via the Internet, or other telemetric vehicle, of the visual function test parameters obtained during interactive visual field screening utilizing a local display screen. Such interactive testing, and instantaneous auto-interpretation of visual field performance utilizing a local display screen (5) and central processing/data repository (18) via telemedicine, are utilized to screen for glaucoma, and other neurological disorders affecting the visual system. Telemedicine, such as via the Internet, allows the system to be employed on a worldwide basis, including areas where physicians are not present.

French Abstract

Cette invention se rapporte a un procede et a un appareil servant a la realisation et a l'auto-interpretation, via l'Internet ou via un autre moyen de telemetrie, des parametres d'un test de la vue, obtenus lors d'une detection interactive du champ visuel a l'aide d'un ecran d'affichage local. Ce test interactif et l'auto-interpretation instantanee des performances du champ visuel a l'aide d'un ecran d'affichage local (5) et d'un depot central de donnees/traitement de donnees (18) par telemedecine permettent de depister les glaucomes et d'autres troubles neurologiques affectant l'organe de la vue. La telemedecine, par exemple via l'Internet, permet d'utiliser un tel systeme a l'echelle planetaire, y compris dans des regions ou des medecins ne sont pas presents.

Patent and Priority Information (Country, Number, Date):

Patent: ... 19990610

Fulltext Availability:

Detailed Description

Publication Year: 1999

Detailed Description

... the patient and to transmit the test interpretation, including the suspected diagnosis, or diagnoses, and **recommendations** for further clinical correlation or for further ancillary tests. **Telemedicine** is also employed to monitor interactively and automatically, in real time, the patient's performance...

24/5,K/26 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00490978 \*\*Image available\*\*

**METHOD AND SYSTEM FOR CONSOLIDATING AND DISTRIBUTING INFORMATION**

**PROCEDE ET SYSTEME DE CONSOLIDATION ET DE REPARTITION DES INFORMATIONS**

Patent Applicant/Assignee:

JOHNSON Janice,

Inventor(s):

JOHNSON Janice,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9922330 A1 19990506

Application: WO 98US21006 19981001 (PCT/WO US9821006)

Priority Application: US 97960755 19971029

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AU BA BB BG BR CA CN CU CZ EE GE HR HU ID IL IS JP KP LC LK LR LT LV  
MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU GH GM KE LS MW SD  
SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-019/00

International Patent Class: G06F-017/60

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18771

English Abstract

A method and system are provided for consolidating and distributing

information. Implementation of system functionalities for both restricted local and unrestricted systemwide uses are permitted. Open standards for hardware, software and firmware components and standardized medical codes, definitions and formats are supported. The preferred embodiment of the invention provides an integrated health care system. The invention can also be used to allow secure access to Social Security, annuity, retirement account, and benefit information, allowing individuals a unified view of their benefit and payment status. A centralized host maintains, consolidates, and redistributes information generated at all networked locations. Information is electronically transferred among the system components to link an individual's local records to those stored remotely. The individual information device, centralized host computer, and any other computers or networks linked to the system can therefore be automatically updated. An individual information device stores a service recipient's insurance information, an emergency records and critical health care histories. This information is accessed by the system for use in managing any aspect of the service recipient's health care. Portable terminals can be used to access the system. A portable terminal can also be used independently from the system to perform health care functions. Unrestricted system-wide, or restricted local uses are supported. Insurance coverage for services and treatments can be determined and the information transmitted directly from the carrier(s) to the service recipient and service provider(s). Supported features include service authorization, messaging, diagnostic services, coverage determination, billing, and electronic payment.

#### French Abstract

L'invention porte sur un procede et un systeme de consolidation et de repartition des informations. Il est possible d'installer des fonctionalites du systeme pour des utilisations locales limitees et des utilisations a travers tout le systeme non limitees. Le systeme prend en charge des normes de telecommunications ouvertes pour des composants de materiels, de logiciels et de microprogrammes, et des codes medicaux standardises, des definitions et des structures. La realisation preferee de l'invention porte sur un systeme integre de soins medicaux. Cette invention peut egalement etre utilisee pour avoir acces de maniere sure a la Securite Sociale, aux rentes, au compte retraite et aux informations sur les prestations, ce qui permet aux individus d'avoir une vue globale sur l'etat de leurs prestations et paiements. Un ordinateur centralise conserve, consolide et redistribue des informations generees au niveau de tous les points d'implantation relies a un reseau. Les informations sont transferees electroniquement parmi les composants du systeme de facon a relier les enregistrements locaux des individus a ceux enregistres a distance. Le dispositif contenant des renseignements individuels, l'ordinateur hote centralise et tout autre ordinateur ou reseau relie au systeme peut, par consequent, etre automatiquement mis a jour. Un dispositif enregistre des renseignements individuels concernant l'assurance du beneficiaire de services, des enregistrements de cas d'urgence et des antecedents medicaux critiques. On accede a ces informations par le systeme en vue de les utiliser dans la gestion de tout aspect des soins medicaux du beneficiaire de services. Des terminaux portables peuvent etre utilises pour acceder au systeme. Un terminal portable peut egalement etre utilise independamment du systeme pour effectuer les fonctions medicales. Les utilisations a travers tout le systeme non limitees ou les utilisations locales limitees sont prises en charge. La couverture d'assurance des services et des traitements peut etre definie, et les informations transmises directement du ou des entreprises au beneficiaire de services et au(x) fournisseur(s) de services. Les fonctions prises en charge sont la signification de l'autorisation, le courrier, les services de diagnostic, la definition de la couverture, la facturation et le paiement electronique.

Patent and Priority Information (Country, Number, Date):

Patent: ... 19990506  
International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description  
Publication Year: 1999

Detailed Description

... the communication connection.

The service provider can also use the communication facilities to construct a **message** to **referred specialists** for later response.

Using software operable on the

29

provider's computer, the service provider...

24/5,K/29 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00426430 \*\*Image available\*\*

**AUTOMATED NETWORKED SERVICE REQUEST AND FULFILLMENT SYSTEM AND METHOD**  
**SYSTEME AUTOMATISE DE DEMANDE ET D'EXECUTION DE SERVICES EN RESEAU ET**  
**PROCEDE CORRESPONDANT**

Patent Applicant/Assignee:

CYMEDIX CORP,

Inventor(s):

BERMAN Keith,

MISHAIL Sima,

TAPPIN William,

ASBELL Barbara,

NGUYEN Tom V,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9816893 A1 19980423

Application: WO 97US18675 19971014 (PCT/WO US9718675)

Priority Application: US 9628397 19961015; US 97950328 19971014

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT  
RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN GH KE LS MW SD SZ UG ZW AM  
AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/60

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6503

English Abstract

An automated networked service request and fulfillment system and method includes "client" computer systems (10, 30, 32, 34, 36) in the offices of professionals such as doctors, and "sponsor" computers (12, 38, 40, 42) at the sites of service providers such as test labs or insurance companies, interconnected with a mail server system (14) that exchanges e-mail messages via the Internet or a similar network (16). "Service



requests", such as ordering a medical test or requesting authorization for a particular procedure, are prepared using a client system and automatically e-mailed to the sponsor system of an appropriate service provider. The request is fulfilled and the results e-mailed back to the requesting client system using the mail server system. Confidentiality is insured by encrypting all e-mail messages. The system includes a "universal interface" component (290) which automates the process of converting data records found in existing databases into the data record format required by the new system.

#### French Abstract

Ce systeme automatise de demande et d'execution de services en reseau et le procede correspondant reposent sur des systemes informatiques "clients" (10, 30, 32, 34, 36) situes dans des bureaux de membres d'une profession, des medecins par exemple, et des ordinateurs "parrains" (12, 38, 40, 42) se trouvant sur des sites de prestataires de services tels que des laboratoires de test ou des compagnies d'assurance, en connexion avec un systeme de serveur de messagerie (14) echangeant des messages de courrier electronique sur l'Internet ou un reseau similaire (16). Des "demandes de services", une ordonnance de test medical ou une demande d'autorisation pour une procedure particuliere, sont elaborees a l'aide d'un systeme client et envoyees automatiquement sous forme de courrier electronique au systeme parrain d'un prestataire de services approprie. La demande est executee et le resultat renvoye par courrier electronique au client demandeur au moyen du systeme serveur de messagerie. La confidentialite est garantie du fait du chiffrement de l'ensemble de la messagerie electronique. Ce systeme comporte une "interface universelle" (290) automatisant le processus de conversion de releves de donnees, se trouvant dans des bases de donnees existantes, vers le format de releve de donnees exige par ce nouveau systeme.

#### Patent and Priority Information (Country, Number, Date):

Patent: ... 19980423

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Publication Year: 1998

#### Detailed Description

... its subsequent approval or denial, are commonly handled with an exchange of paperwork, via the mails. Similarly, permission to refer a patient to another doctor is usually requested and received via mailed or hand-delivered paperwork.

. Many modern offices have...

24/5,K/30 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00412376 \*\*Image available\*\*

COMPUTERIZED MEDICAL DIAGNOSTIC AND TREATMENT ADVICE SYSTEM INCLUDING NETWORK ACCESS

SYSTEME DE CONSEIL MEDICAL INFORMATISE POUR DIAGNOSTIC ET TRAITEMENT, COMPRENANT UN ACCES A UN RESEAU

Patent Applicant/Assignee:

ILIFF Edwin C,

Inventor(s):

ILIFF Edwin C,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9802837 A1 19980122  
Application: WO 97US12162 19970711 (PCT/WO US9712162)  
Priority Application: US 9621614 19960712; US 9621615 19960712  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU  
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW SD  
SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
Main International Patent Class: G06F-019/00  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 45072

#### English Abstract

A system and method for providing computerized, knowledge-based medical diagnostic and treatment advice. The medical advice is provided to the general public over networks, such as a telephone network or a computer network. The invention also includes a stand-alone embodiment that may utilize occasional connectivity to a central computer by use of a network, such as the Internet. Two new authoring languages, interactive voice response and speech recognition are used to enable expert and general practitioner knowledge to be encoded for access by the public. "Meta" functions for time-density analysis of a number of factors regarding the number of medical complaints per unit of time are an integral part of the system. A re-enter feature monitors the user's changing condition over time. A symptom severity analysis helps to respond to the changing conditions. System sensitivity factors may be changed at a global level or other levels to adjust the system advice as necessary.

#### French Abstract

L'invention a trait a un systeme informatise et un procede de conseil pour diagnostic et traitement, fonde sur des connaissances medicales. Le conseil medical est fourni au grand public sur reseau, tel un reseau telephonique ou informatique. Ladite invention comprend egalement un mode de realisation autonome pouvant utiliser une connexion occasionnelle a un ordinateur central au moyen d'un reseau tel Internet. Deux nouveaux langages auteur, reponse vocale interactive et reconnaissance de la parole, sont utilises pour permettre le codage de connaissances du praticien generaliste ou specialise en vue de permettre au public d'y avoir acces. Des fonctions "meta" destinees a des analyses temps-densite de facteurs relatifs au nombre de plaintes medicales par unite de temps, font partie integrante du systeme. Une fonction de relance permet de surveiller les changements dans le temps de l'etat de l'utilisateur, et une analyse de gravite des symptomes facilite la reponse aux changements d'etat. Des facteurs de reactivite du systeme peuvent etre changes sur un plan global ou sur d'autres plans afin d'ajuster les conseils du systeme comme il convient.

Patent and Priority Information (Country, Number, Date):  
Patent: ... 19980122  
Fulltext Availability:  
Detailed Description  
Publication Year: 1998

Detailed Description

... or complaint mentioned by the caller. The nurse may then refer the caller to a **doctor** from a **computerized referral** list for a contracting hospital or group of hospitals.

Client hospitals contract with Ask-A...

24/5,K/31 (Item 17 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00404001 \*\*Image available\*\*

**RELATIONAL DATABASE COMPILED/STORED ON A MEMORY STRUCTURE**

**BASE DE DONNEES RELATIONNELLES COMPILEE / STOCKEE SUR UNE STRUCTURE DE MEMORISATION**

Patent Applicant/Assignee:

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VAN DEN BOSCH Bart,

Inventor(s):

VAN DEN BOSCH Bart,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9744745 A1 19971127

Application: WO 97BE62 19970521 (PCT/WO BE9700062)

Priority Application: AT 696870066 19960522; US 9618140 19960522

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AU BA BB BG BR CA CN CU CZ DE EE GE HU IL IS JP KP KR LC LK LR LT LV  
MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU GH KE LS MW SD SZ  
UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 26204

English Abstract

The present invention is first related to a relational database compiled/stored on a computer environment and adapted for access by application programs executing a query within said database and compiled/stored on said computer environment comprising: a first set of tables with first columns and tuples containing first data; a second set of tables with second columns and tuples containing second data; each of said second data being a redundant representation of at least one of said first data. The present invention is also related to a method for executing queries within a relational database, a database access system compiled on a computer environment, a clinical workstation implementing on a computer environment a representation of a group of processes, operations, services, acts, objects and persons within a hospital, and finally a hospital information system stored on a network of computer and workstations.

French Abstract

La presente invention se rapporte tout d'abord a une base de donnees relationnelles compilee / stockee sur environnement informatique et concu pour etre accessible par des programmes d'application effectuant une consultation de ladite base de donnees et compiles / stockes sur ledit environnement informatique. Ladite base de donnees relationnelles

comporte un premier ensemble de tables dotees de premieres colonnes et de lignes contenant des premieres donnees, et un second ensemble de tables dotees de secondes colonnes et lignes contenant des secondes donnees, chacune de ces secondes donnees constituant une representation redondante d'au moins une desdites premieres donnees. La presente invention se rapporte egalement a un procede permettant d'effectuer des consultations a l'interieur d'une base de donnees relationnelles, a un systeme d'accès a une base de donnees, compile sur un environnement informatique donne, a une station de travail de milieu hospitalier mettant en oeuvre sur un environnement informatique une representation d'un groupe de processus, d'operations, de services, de faits, d'objets et de personnes d'un milieu hospitalier, et elle se rapporte a un systeme d'informations relatives aux donnees cliniques stockees sur un reseau d'ordinateurs et de stations de travail.

Patent and Priority Information (Country, Number, Date):

Patent: ... 19971127

Fulltext Availability:

Detailed Description

Publication Year: 1997

Detailed Description

... is easy recognizable. After validation the reports can be printed. Subsequently they are signed and mailed to the (external) physician who referred the patient.

Optional phases or forms

Several

24/5,K/33 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00305859 \*\*Image available\*\*

COMPUTER SYSTEM FOR MANAGING PATIENT CARE

SYSTEME DE GESTION INFORMATIQUE DE SOINS MEDICAUX

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MEDICAL DIMENSIONS INC,

Inventor(s):

CHRISTOPHER Kent L,

BECKER Barron D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9524010 A1 19950908

Application: WO 95US2598 19950302 (PCT/WO US9502598)

Priority Application: US 94131 19940304

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR  
KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK TJ  
TT UA UG UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL  
PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-015/00

International Patent Class: G06G-07:52

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6341

#### English Abstract

An integrated computer system manages medical care of patients by interactively prompting entry of information concerning a patient's medical history (13, 14), physical examination (17, Figs. 7-12), insurance coverage (12, Fig. 6), and diagnosis (30, Fig. 18). This is preferably accomplished by presenting the user with a series of menus or option lists (Fig. 4) that can be selected with a mouse. The system maintains a database (Figs. 20, 21) concerning the costs associated with medications, tests, and other medical treatments, together with any associated insurance requirements. The system allows the physician to review and compare cost information (Figs. 20, 21) for alternative treatments associated with the patient's diagnosis at the time that the physician prescribes a treatment for a patient.

#### French Abstract

Un systeme informatique integre gere les soins medicaux de patients en entrant, de maniere interactive, des informations concernant les antecedents medicaux d'un patient (13, 14), ses examens physiques (17, figures 7-12), la garantie de son assurance (12, figure 6) et son diagnostic (30, figure 18). Cela est realise, de preference, en presentant a l'utilisateur une serie de menus ou de listes d'options (figure 4) qui peuvent etre selectionnees a l'aide d'une souris. Ce systeme comprend une base de donnees (figures 20, 21) concernant les couts associes aux medicaments, aux analyses, et autres traitements medicaux ainsi que toutes les exigences relatives aux assurances. Ce systeme permet a un medecin de revoir et de comparer les informations relatives aux couts (figures 20, 21) afin d'administrer eventuellement d'autres traitements correspondant au diagnostic emis pour le patient lors de la prescription de son traitement.

#### Patent and Priority Information (Country, Number, Date):

Patent: ... 19950908

#### Fulltext Availability:

Detailed Description

Claims

Publication Year: 1995

#### Detailed Description

... time. The system can also include optional modules for patient scheduling, billing, and generation of **correspondence to referring physicians**.

A primary object of the present invention is to provide a computer information management system...reminder card 40 for the patient, as shown in FIG. 3.

Finally, the system generates **correspondence 41 to referring physicians** summarizing the patient's visit, diagnosis, and treatment.

Additional notes 39 concerning the patient can...

#### Claim

... said physician's office.

4 The system of claim 1, further comprising means for generating **correspondence to referring physicians** regarding diagnosis and treatment of patients.

5 The system of claim 1, further comprising means...

?

33/5,K/4 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00816127 \*\*Image available\*\*

**SYSTEM OF NOTIFICATION OF RECALLED COMPONENTS FOR A MEDICAL DEVICE**  
**SYSTEME DE NOTIFICATION DE RAPPEL DE COMPOSANTS POUR DISPOSITIF MEDICAL**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200149368 A1 20010712 (WO 0149368)

Application: WO 2000US31905 20001120 (PCT/WO US0031905)

Priority Application: US 99474694 19991229

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: A61N-001/372

International Patent Class: A61B-005/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9270

**English Abstract**

A method and structure for notifying patients with implantable medical devices (IMDs), about recalls and upgrades, is implemented in an interactive preferably wireless communications system involving a preferably web-enabled remote expert station. The system of communications enables a clinician or a physician to access the IMDs remotely to investigate operational and functional data of the IMDs and to proactively adjust the parameters to effect therapy and clinical care on real time basis, remotely. Either the clinician or the patient may initiate and access the remote expert station. At any time such communications are made, the patient's IMDs are evaluated against a first database comprising patient data and a second database comprising a list of recalled devices or parts heeding upgrade. Preferably, the list of recalled and up-gradable devices/parts may comprise of a first list of IMDs from various manufacturers and a second list solely dedicated to Medtronic IMDs. A database containing patient-specific information including other device information may also be accessed by the patient or the clinician. If one or more of the patient's IMDs matches with a recalled or an up-gradable unit such message is posted to the clinician and the patient. Remedial action is taken, by replacing the recalled unit and/or upgrading the unit, to thereby ensure effective therapy and clinical care.

**French Abstract**

L'invention concerne un procede et une structure permettant d'avertir des patients munis de dispositifs medicaux implantables sur les rappels et les mises a jour de composants. Ce procede est mis en oeuvre dans un

systeme de communication interactif de preference sans fil comprenant une station specialiste distante de preference basee sur le Web. Un systeme de communication permet a un medecin ou clinicien d'accéder a des dispositifs medicaux implantables a distance afin d'etudier des donnees fonctionnelles et operationnelles sur ces dispositifs, d'en regler les parametres de maniere proactive et de fournir une therapie et des soins cliniques en temps reel et a distance. Le clinicien ou le patient peut mettre en marche la station specialiste et y acceder. A chaque fois que des communications sont etablies, les dispositifs du patient sont evalues selon une premiere base de donnees comprenant des donnees sur le patient et une seconde base de donnees comprenant une liste de dispositifs rappelés ou de parties necessitant une mise a jour. De preference, la liste des dispositifs/parties rappelés ou a mettre a jour peut comprendre une premiere liste de dispositifs medicaux implantables provenant de nombreux fabricants ainsi qu'une seconde liste uniquement consacree aux dispositifs de Medtronic. Une base de donnees contenant des informations specifiques a un patient incluant d'autres informations de dispositif peut egalement etre consultee par le patient ou le clinicien. Si l'un ou plusieurs des dispositifs du patient correspondent a une unite rappelee ou necessitent une mise a jour, un message correspondant est envoye au clinicien et au patient. On prend alors des mesures correctives, telles que le remplacement de l'unite rappelee et/ou la mise a jour de cette unite, ce qui permet de garantir l'efficacite du traitement et des soins cliniques octroyes.

Legal Status (Type, Date, Text)

Publication 20010712 A1 With international search report.

Examination 20011004 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... are mined from the programmer's database and analyzed by an analyzer at the remote **expert** data center.

The invention provides significant compatibility and scalability to other web-based applications such as **telemedicine** and emerging web-based technologies such as teleimmersion. For example, the system may be adapted...

33/5,K/5 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00810591 \*\*Image available\*\*

**VIRTUAL REMOTE MONITOR, ALERT, DIAGNOSTICS AND PROGRAMMING FOR IMPLANTABLE MEDICAL DEVICE SYSTEMS**

**SURVEILLANCE, ALARME, DIAGNOSTIC ET PROGRAMMATION VIRTUELS A DISTANCE DE SYSTEMES DE DISPOSITIFS MEDICAUX IMPLANTABLES**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):  
Patent: WO 200143823 A1 20010621 (WO 0143823)  
Application: WO 2000US31881 20001120 (PCT/WO US0031881)  
Priority Application: US 99466284 19991217  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
CA JP  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
Main International Patent Class: A61N-001/372  
International Patent Class: A61B-005/00  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 12891

#### English Abstract

A plurality of co-operative and complementary software programs are implemented in a web-enabled high speed computer system to remotely monitor, manage and modify the operational and functional parameters of a plurality of implanted medical devices (IMDs). The system utilizes virtual electrophysiologist module (VEM), chronic monitoring module (CMM) and prescription program module (PPM) programs to effect specific therapeutic and diagnostic methods for managing the IMDs, remotely on a conditions and real-time basis. The modules enable remote and continuous monitoring, management and maintenance of the IMDs by identifying critical medical events, determining optimal clinical settings and upgrading performance parameters based on prescriptive data. The modules are implemented in a data center having high-speed computers operating in a web-enabled environment. The modules and the IMDs communicate through wireless communications system via a programmer or an interface medical unit (IMD).

#### French Abstract

La presente invention concerne une pluralite de programmes logiciels complementaires et en cooperation implementes dans un systeme informatique a grande vitesse a fonctionnalite Web dans le but de surveiller, gerer et modifier les parametres operationnels et fonctionnels d'une pluralite de dispositifs medicaux implantables. Le systeme de l'invention fait appel a des programmes de module electrophysiologique virtuel, de module de surveillance chronique, et de programme prescriptif pour mettre en oeuvre des procedes therapeutiques et diagnostiques specifiques permettant de gerer les dispositifs medicaux implantable a distance, en temps reel et en fonction des conditions. Les modules permettent de surveiller, gerer et entretenir a distance et de facon ininterrompue les dispositifs medicaux implantables en identifiant les evenements medicaux critiques, en determinant les reglages cliniques optimaux et en ameliorant les parametres de performance sur la base de donnees prescriptives. Les modules sont implementes dans un centre de donnees dote d'ordinateurs a grande vitesse fonctionnant dans un environnement a fonctionnalite Web. Les modules et les dispositifs medicaux implantables communiquent grace a un systeme de communication sans fil, via un programmeur ou une unite d'interface medicale.

#### Legal Status (Type, Date, Text)

Publication 20010621 A1 With international search report.  
Examination 20010927 Request for preliminary examination prior to end of



19th month from priority date

Fulltext Availability:  
Detailed Description

Detailed Description

... from the IMDs via programmer's database and analyzed by an analyzer at the remote **expert** data center.

The invention provides significant compatibility and scalability to other web-based applications such as **telemedicine** and emerging web-based technologies such as teleimmersion. For example, the system may be adapted...

33/5,K/9 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00757140 \*\*Image available\*\*

**VIRTUAL DOCTOR INTERACTIVE CYBERNET SYSTEM**  
**SYSTEME CYBERNET INTERACTIF POUR LIAISON MEDICALE VIRTUELLE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200070529 A2-A3 20001123 (WO 0070529)

Application: WO 2000US13583 20000518 (PCT/WO US0013583)

Priority Application: US 99313278 19990518

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-019/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10405

English Abstract

An interactive network-based health information system provides up-to-date medical information directly to a user. The information is tailored to the user's expertise. The user can issue specific follow-up questions, initiate a discussion with a professional, and establish a doctor-patient relationship. The system provides for remote monitoring and diagnosis of the patient and for remote treatment. The different levels of service can be provided and priced on an individual basis.

French Abstract

L'invention concerne un systeme interactif d'information de sante en reseau qui fournit des donnees medicales actualisees directement a l'utilisateur. Cette information est personnalisee en fonction des competences de l'utilisateur, qui peut ainsi poser des questions de suivi specifiques, engager un dialogue avec un professionnel, et etabliir une relation medecin-patient. Le systeme permet d'assurer le controle et le diagnostic a distance pour les besoins du traitement a distance. Il est possible d'etabliir differents niveaux de service, et la tarification correspondante, sur une base individuelle.

Legal Status (Type, Date, Text)

Publication 20001123 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010315 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20020117 Late publication of international search report  
Republication 20020117 A3 With international search report.

Fulltext Availability:

Detailed Description  
Claims

Detailed Description

... of interest to an inquirer. The server also allows the inquirer to interact with health **care professionals** at several levels, from pure information gathering to medical diagnostic and therapeutic interventions by **telemedicine** methods.

Briefly, according to another aspect of the present invention, there is provided a networked...

Claim

... health subjects of interest to an inquirer, and allows the inquirer to interact with health **care professionals** at several levels, from pure information gathering to medical diagnostic and therapeutic interventions by **telemedicine** methods.

15 A system as recited in claim 14, wherein a client requests specific disease...

...to the client.

20 A system as recited in claim 14, wherein a client transmits **telemedicine** diagnostic findings or results via a network to a health **care professional** for improved patient or disease management.

21 A system as recited in claim 14, wherein...a health care professional; and providing contact information, to the user, for the selected health **care professional** .

32 A method as recited in claim 30, further comprising transmitting **telemedicine** signals over a network to effect the release of a chemical or drug into the...

00739251 \*\*Image available\*\*

**METHOD FOR MARKETING AND SELLING THAT MAY CONTAIN A MEMBERSHIP BUYING  
OPPORTUNITY  
PROCEDE DE COMMERCIALISATION ET DE VENTE POUVANT INCLURE UN GROUPEMENT  
D'ACHATS EN COMMUN**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200052617 A1 20000908 (WO 0052617)

Application: WO 2000US5073 20000229 (PCT/WO US0005073)

Priority Application: US 99122385 19990302; US 99126493 19990325; US  
2000515861 20000229

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 44003

English Abstract

The present invention relates to the combination of a marketing business with a membership buying opportunity. The present invention is also directed to a system and method for combining a marketing business with a membership buying opportunity, so that Independent Business Owners (10) participating in the marketing plan can introduce customers to a membership buying opportunity and earn bonuses or commissions based on the purchases by those members, while Members (30) in the buying opportunity can consume products or, at their option, qualify to become Independent Business Owners (10).

#### French Abstract

La presente invention associe les caracteristiques d'une societe de commercialisation a celles d'un groupement d'achats en commun. La presente invention concerne egalement un systeme et un procede permettant d'associer les caracteristiques d'une societe de commercialisation a celles d'un groupement d'achats en commun, de sorte que des chefs d'entreprise independants (10) participant a cette strategie de commercialisation peuvent faire adherer de nouveaux clients a leur groupement d'achats en commun et donc se voir gratifier d'un bonus ou d'une commission en fonction des achats effectues par ces nouveaux membres, les autres membres (30) dudit groupement d'achats en commun pouvant consommer les produits ou, le cas echeant, remplir les conditions pour devenir chefs d'entreprise independants (10).

#### Legal Status (Type, Date, Text)

Publication	20000908	A1 With international search report.
Publication	20000908	A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20010419	Request for preliminary examination prior to end of 19th month from priority date
Correction	20010913	Corrections of entry in Section 1: under (30) replace "Not furnished" by "09/515,861"
Republication	20010913	A1 With international search report.
Correction	20010913	Corrections of entry in Section 1:
Correction	20020620	Corrected version of Pamphlet: pages 1/44-44/44, drawings, replaced by new pages 1/44-44/44; due to late transmittal by the receiving Office
Republication	20020620	A1 With international search report.

#### Fulltext Availability: Detailed Description

#### Detailed Description

... 1400 are shown in Figs. 14a-14e. The stores offer time conscious Web consumers customization, **expert** advice, **virtual** interactive consultation, how-to demonstrations, **referral** service, and up-to-the-minute information.  
The site 1400 is preferably organized into the...

33/5,K/13 (Item 10 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00739190 \*\*Image available\*\*

**ELECTRONIC COMMERCE TRANSACTIONS WITHIN A MARKETING SYSTEM THAT MAY CONTAIN  
A MEMBERSHIP BUYING OPPORTUNITY**

**TRANSACTIONS DE COMMERCE ELECTRONIQUE DANS UN SYSTEME DE COMMERCIALISATION  
POUVANT INCLURE UN GROUPEMENT D'ACHATS EN COMMUN**

Patent Applicant/Assignee:

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MI 48025, US, US (Residence), US (Nationality), (For all designated  
states except: US)

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BANCINO Randy S, 10711 Shaner Avenue N.E., Rockford, MI 49341, US, US  
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BLODGETT James G, 5446 Discovery Drive S.E., Kentwood, MI 49508, US, US  
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(Residence), US (Nationality), (Designated only for: US)  
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HUNKING Jim, 63 Mountainview Crescent, London, Ontario N6J 4M7, CA, CA  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200052552 A2-A3 20000908 (WO 0052552)  
Application: WO 2000US5074 20000229 (PCT/WO US2000005074)  
Priority Application: US 99122385 19990302; US 99126493 19990325; US  
2000515860 20000229

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 56258

#### English Abstract

The present invention is directed to a system and method for providing electronic commerce transactions via a Web site (102) and a marketing company (100), including facilities for signing up new customers and recruiting, training, and supporting new Independent Business Owners through an interactive online process. In another aspect, the present invention relates to the combination of a marketing business with a membership buying opportunity using both electronic commerce and face-to-face transactions, so that Independent Business Owners participating in the marketing plan can introduce customers to a membership buying opportunity and earn bonuses or commissions based on the purchases by those members, while Members in the buying opportunity can consume their products or, at their option, qualify to become Independent Business Owners.

#### French Abstract

La presente invention concerne un systeme et un procede permettant de mener a bien des transactions de commerce electronique (ou <=E-commerce>), ainsi que des solutions offertes, par l'intermediaire du Web, a une societe de commercialisation pour ses produits, notamment des fonctions permettant l'adhesion de nouveaux clients et le recrutement, la formation, et la gratification de nouveaux chefs d'entreprise independants, et ce par un processus interactif en ligne. Dans un autre aspect, la presente invention associe les caracteristiques d'une societe de commercialisation a celle de groupements d'achats en commun, et ce grace au commerce electronique et aux transactions face-a-face. La presente invention concerne egalement un systeme et un procede permettant d'associer les caracteristiques d'une societe de commercialisation a celle d'un groupement d'achats en commun, de sorte que les chefs d'entreprise independants participant a cette strategie de commercialisation peuvent faire adherer de nouveaux clients a leur groupement d'achats en commun et donc se voir gratifier d'un bonus ou d'une commission en fonction des achats effectues par ces nouveaux membres, les autres membres dudit groupement d'achats en commun pouvant consommer les produits ou, le cas echeant, remplir les conditions pour devenir chefs d'entreprise independants.

#### Legal Status (Type, Date, Text)

Publication 20000908 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010712 Request for preliminary examination prior to end of 19th month from priority date

Search Rpt 20040108 Late publication of international search report

Republication 20040108 A3 With international search report.

#### Fulltext Availability:

Detailed Description

#### Detailed Description

... 1400 are shown in Figs. 14a-14e. The stores offer time conscious Web consumers custornization, **expert** advice, **virtual** interactive consultation, how-to demonstrations, **referral** service, and up-to-the-minute information.

The site 1400 is preferably organized into the...

33/5,K/20 (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00472995 \*\*Image available\*\*

**ELECTRONIC MESSAGE MANAGEMENT SYSTEM**  
**SYSTEME DE GESTION DE MESSAGES ELECTRONIQUES**

Patent Applicant/Assignee:

MATRIX MARKETING INC,

Inventor(s):

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MUSSON Karen L,  
STITES Elizabeth M,  
WEBER Douglas C,  
WILSON David A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9904347 A2 19990128

Application: WO 98US15240 19980721 (PCT/WO US9815240)

Priority Application: US 97897777 19970721

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU  
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW  
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9322

**English Abstract**

An electronic message (38), or e-mail, management system having a digital computer (12) for accepting e-mail messages; a program interface for automatically transferring received electronic messages to a database (16); a structured database for storing the received electronic messages (38) in a predetermined format; and an interface for allowing a customer service representative (30), at a remote computer (12), to access, and response to, the electronic messages stored at the database (16).

**French Abstract**

L'invention concerne un systeme de gestion de messages electroniques ou de courriers electroniques comportant: un ordinateur numerique destine a accepter les messages du type courrier electronique; une interface programme servant au transfert automatique a une banque de donnees des messages electroniques recus; une banque de donnees structuree servant au stockage des messages electroniques recus dans un format predetermine; et une interface destinee a permettre a un representant d'un service clients, utilisant un ordinateur eloigne, d'accéder aux messages electroniques stockes dans la banque de donnees et d'y repondre.

Patent and Priority Information (Country, Number, Date):

Patent: ... 19990128

Fulltext Availability:

Detailed Description  
Publication Year: 1999

#### Detailed Description

... message to the relevant expert, the database being  
1 5 updated to indicate that the **message** has been **referred** to an  
**expert** ;  
I 1.) tracks the responses to all electronic message inquiries and  
updates the database  
accordingly...is assigned to the message, CSR is given the option to  
either respond to the **message** , **refer** the question to an **expert** , or  
not respond to the message block 86.  
If the CSR indicates that a response...

...message did not need a response block 88.

1 6

If the CSR wishes to **refer** the **message** to an **expert** more suited to  
respond to the inquiry, the CSR clicks on the appropriate link. Figure 5  
illustrates a flowchart of the steps for **referring** a **message** to an  
**expert** . An HTML page is sent to the CSR block 90 requesting expert  
referral that asks...

...the message (see Figure 16 illustrating an example screen shot). The CSR  
then selects an **expert** and **refers** the **message** to the designated  
exDert block 92 and 94. The database 16 is then updated to indicate that  
the **message** has been **referred** to an **expert** and that it is pending  
response from that expert block 96. Once the expert reviews...

...the page illustrated in Figure 15, the CSR may wish to respond to an  
assigned **message** rather than **referring** it to an **expert** . Figure 6  
illustrates a flow chart depicting the steps needed for replying to an e

...  
?



File 9:Business & Industry(R) Jul/1994-2005/Jul 29  
(c) 2005 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2005/Jul 29  
(c) 2005 The Gale Group  
File 47:Gale Group Magazine DB(TM) 1959-2005/Aug 01  
(c) 2005 The Gale group  
File 148:Gale Group Trade & Industry DB 1976-2005/Aug 01  
(c)2005 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2005/Aug 01  
(c) 2005 The Gale Group  
File 570:Gale Group MARS(R) 1984-2005/Jul 29  
(c) 2005 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Aug 01  
(c) 2005 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2005/Jul 29  
(c) 2005 The Gale Group  
File 649:Gale Group Newswire ASAP(TM) 2005/Jul 19  
(c) 2005 The Gale Group  
File 135:NewsRx Weekly Reports 1995-2005/Jul W4  
(c) 2005 NewsRx  
File 149:TGG Health&Wellness DB(SM) 1976-2005/Jul W4  
(c) 2005 The Gale Group  
? ds

Set	Items	Description
S1	21409	TELEMEDICINE
S2	2705478	REFERR??? ? OR REFER??? ? OR RECOMMEND?
S3	6450982	RESEARCH?
S4	1532942	SEARCH?
S5	3202478	SPECIALIST? ? OR PRACTITIONER? ? OR DOCTOR? ? OR THERAPIST? ? OR PHYSICIAN? ? OR SURGEON? ? OR CONSULTANT?
S6	467272	(MEDICAL OR HEALTH OR HEALTHCARE OR CARE) (1W) (PROVIDER? ? - OR PROFESSIONAL? ?) OR CLINICIAN?
S7	9593753	ONLINE OR LINE OR CYBERSPACE OR CYBER OR COMPUTERIS? OR CO- MPUTERIZ? OR VIRTUAL
S8	2035885	(E OR ELEC OR ELECTRONIC OR COMPUTER) ( ) (MAIL???? ? OR MESS- AG? OR CORRESPOND?)
S9	816290	EMAIL? OR EMESSAG? OR ECORRESPONDEN?
S10	4866790	MAIL???? ? OR MESSAG? OR CORRESPOND?
S11	571	S1(20N)S2
S12	279	S11(20N) (EXPERT? ? OR S3:S6)
S13	320	S1(10N)S2
S14	231	S11(10N) (EXPERT? ? OR S3:S6)
S15	99	S14/2000:2005
S16	132	S14 NOT S15
S17	79	RD (unique items)
S18	40997	S7:S9(5N)S2
S19	2679	S18(5N) (EXPERT? ? OR S3:S6)
S20	1919	S18(5N) (EXPERT? ? OR S5:S6)
S21	4261590	ONLINE OR COMPUTERIS? OR COMPUTERIZ? OR VIRTUAL
S22	1307057	ON()LINE
S23	18555	S21:S22(5N)S2
S24	915	S23(5N) (EXPERT? ? OR S5:S6)
S25	3546331	ONLINE
S26	15696	(S25 OR S22) (5N)S2
S27	780	S26(5N) (EXPERT? ? OR S5:S6)
S28	547	S27/2000:2005
S29	233	S27 NOT S28
S30	101	RD (unique items)

S31 180 S17 OR S30  
S32 179 RD (unique items)  
? t32/3,k/1,5-6,10,13,16,18-21,27,32,42-  
43,45,48,50,69,79,87,122,141,149,162,179

**32/3,K/1 (Item 1 from file: 9)**  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2005 The Gale Group. All rts. reserv.

01953746 Supplier Number: 25432910 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Aetna's Web site stars in \$30 million campaign**  
**(Aetna US Healthcare will promote its Web site via a \$30 mil advertising effort, using national cable television spots, magazine and newspaper print ads and outdoor spots)**  
Advertising Age, v 70, n 39, p 3+  
September 20, 1999  
DOCUMENT TYPE: Journal ISSN: 0001-8899 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 581

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...joint venture between the company and Johns Hopkins University-as well as customer services, including **online physician** directories and electronic **referrals** .

"This is all about providing more information and control to the consumer," said Mr. Baldwin...

**32/3,K/5 (Item 5 from file: 9)**  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2005 The Gale Group. All rts. reserv.

01717981 Supplier Number: 24433797 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Excalibur Announces RetrievalWare WebExpress**  
**(Excalibur Technologies Corp introduces Excalibur RetrievalWare Web Express, search and retrieval software designed especially for online services, Web publishers and content providers)**  
Information Today, v 15, n 10, p 39  
November 1998  
DOCUMENT TYPE: Journal ISSN: 8755-6286 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 499

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...chosen by major organizations, such as the U.S. Army PERSCOM (Gulf War Declassification Project), **Physicians ' Online ( physician referral )**, GTE Bastille (law enforcement service), Aspen Systems (for a major government agency Web site), and...

**32/3,K/6 (Item 6 from file: 9)**  
DIALOG(R)File 9:Business & Industry(R)  
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01664477 Supplier Number: 24411519 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**America Online Teams with Doctors to Offer Free Online Medical Advice**  
**(America Online hires 42 physicians for its America's Doctors Online, which**  
**will answer medical questions in chat rooms on line)**

Washington Times , p N/A

October 08, 1998

DOCUMENT TYPE: Regional Newspaper (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 747

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...people go to on the Web or sell that information."

But if someone wants a **referral** from **Doctor 's Online** , the **doctor** in the chat line will take the visitor's name and number and have a...

**32/3,K/10 (Item 10 from file: 9)**

DIALOG(R)File 9:Business & Industry(R)

(c) 2005 The Gale Group. All rts. reserv.

01540240 Supplier Number: 24252017 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Local financial adviser links with on-line broker**

**(Krantz Pershan Associates (Northbrook, IL), a fee-only adviser, has teamed with Computel Securities, an on-line broker, to provide investment counsel over the Internet)**

Crain's Chicago Business, v 21, n 18, p 54

May 04, 1998

DOCUMENT TYPE: Journal ISSN: 0149-6956 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 552

ABSTRACT:

...venture in 3/98 after a year of giving "portfolio checkups" to clients and then **referring** them to **on - line** brokers to execute the **recommended** trades. One **consultant** said the alliance is the first Web-based enterprise to mesh financial planning and Internet...

**32/3,K/13 (Item 13 from file: 9)**

DIALOG(R)File 9:Business & Industry(R)

(c) 2005 The Gale Group. All rts. reserv.

01092578 Supplier Number: 23678674 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Web security software in testing stage**

**(National Library of Medicine awards \$3.7 mil contract to demonstrate viability of secure clinical telemedicine via public computer networks)**

Modern Healthcare, v 26, n 43, p 61

October 21, 1996

DOCUMENT TYPE: Journal ISSN: 0160-7480 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 442

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...to make patient tests and records available to physicians in remote areas and allow rural **doctors** to consult with and **refer** patients to **specialists on line** , Reddy said.

As long as the information is in electronic form, the system would allow...

32/3,K/16 (Item 16 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2005 The Gale Group. All rts. reserv.

00809500 Supplier Number: 23309909 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**IN THE HANDS OF PHYSICIANS**  
(Capp Care is developing software for a hand-held computer that gives physicians access to patient records)  
Managed Care Marketing, v 1, n 4, p 28+  
October 1995  
DOCUMENT TYPE: Journal ISSN: 1079-9494 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1553

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...systems.

Telemedicine is the ability to deliver medical care long distance over a communication system. **Telemedicine** systems can be as simple as video conferencing systems that allow sound and picture to be transmitted for **referral** by a **specialist**. Or they can be as complex as a system that enables a transmission that includes...

32/3,K/18 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

07353375 Supplier Number: 58267523 (USE FORMAT 7 FOR FULLTEXT)  
**Experimental Chronic Pain Treatment Looks Promising.(Brief Article)**  
Webb, Marion  
San Diego Business Journal, v20, n47, p14  
Nov 22, 1999  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 597

... such as videoconferencing via the Internet.  
Bilbray's Telehealth Improvement Act of 1999 would allow **health care providers** to seek Medicare reimbursement for "every type of appropriate **telemedicine** interaction" that is similar to billed services provided in a **doctor**'s office.

The legislation also provides that the "**referring doctor**" does not have to be physically present during the **telemedicine** conferencing with a patient. Instead, "any patient **health care provider**" -- possibly a nurse or technician -- could set up the high-tech equipment and assist the...

32/3,K/19 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

06968259 Supplier Number: 58183942 (USE FORMAT 7 FOR FULLTEXT)

**New Medical Web Portal Targets Alternative Medicine.**

Electronic Information Report, v20, n44, pNA

Dec 10, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 211

EarthMed.com, which launched as Life Enrichment Network-an **online practitioner referral** service-nearly three years ago, offers practitioners templates to create their own Web sites and...

**32/3,K/20 (Item 3 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

06862294 Supplier Number: 58164026 (USE FORMAT 7 FOR FULLTEXT)

**Pine Cone Systems Introduces Web Hosted Data Warehousing Management Service Solution.**

Business Wire, p0049

Dec 13, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 906

... warehousing activity and performance levels. In addition, subscribers will receive periodic trend analysis and specific **recommendations** from an **on - line** data warehousing **consultant** . Subscribers will also receive Pine Cone's Activity Tracker software for real-time activity and...

**32/3,K/21 (Item 4 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

06850434 Supplier Number: 58032904 (USE FORMAT 7 FOR FULLTEXT)

**Physician Charting, Medical Reference Information Accessible in Same Online Application.**

PR Newswire, p5077

Dec 6, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 688

... enabling the online execution of healthcare transactions. Elixis products serve as a central platform for **physicians** to generate **online** transactions for prescriptions, labs, **referrals** , eligibility and claims, thereby streamlining processes and reducing transaction costs. Elixis WebCoder is used by...

**32/3,K/27 (Item 10 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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06691223 Supplier Number: 55981595 (USE FORMAT 7 FOR FULLTEXT)

**Extranet Applications -- Bridging The Referral Gap -- Extranets Are Letting HMOs Speed Up The Time It Takes Primary Care Physicians To Refer Patients**

**To Specialists. (Technology Information)**

Stevens, Larry  
InternetWeek, p66  
Oct 4, 1999  
Language: English      Record Type: Fulltext  
Document Type: Tabloid; Trade  
Word Count: 1380

... it. If the hospital or specialist is on the system, he or she can go **online** and access the patient's **referral**. Following the visit, the **specialist** can use the system to send the progress notes back to the primary care provider...

**32/3,K/32      (Item 15 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06629612      Supplier Number: 55729955 (USE FORMAT 7 FOR FULLTEXT)  
**Referrals Online and On Time. (A Michigan HMO uses the Internet to speed its referral authorization process, quenching a top complaint of its members.)**

Cross, MargaretAnn  
Health Data Management, pITEM99256015  
Sept, 1999  
Language: English      Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1672

... other physicians access to the system.  
Today, more than 80 primary care physicians and 40 **specialists** have access to the **online referral** program at [www.hapcorp.org](http://www.hapcorp.org). These clinicians offer care to 32,000 of the managed...

...are manually reviewed.  
By year's end, the HMO hopes to have 250 primary care **physicians** and 250 **specialists** using the **online referral** application for 55,000 patients. The health plan has had to wait for many physicians...who the patient is being referred to is using the system, a copy of the **referral** is sent to them **online**. If a **specialist** is not online, the system automatically faxes a copy of the referral to the specialist...

...care physician through the system.  
That's just one of the additional features available to **physicians** who use the **online referral** system, says Health Alliance's Hoffman. The referral application form also has a comments page...

**32/3,K/42      (Item 25 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06109739      Supplier Number: 53696258 (USE FORMAT 7 FOR FULLTEXT)  
**Medicaledge.com to Start Selling Prescription Drugs Online.**  
Business Wire, p1368  
Feb 3, 1999  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 522

... date, most comprehensive medical reference resources on the Internet and such features as an interactive **physician referral** system, an **on - line** medical history registry and an innovative doctor inquiry service. The landmark site also offers the...

32/3,K/43 (Item 26 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

06106087 Supplier Number: 53684592 (USE FORMAT 7 FOR FULLTEXT)  
**Integrated Medical Technologies Inc.**  
Humphreys, Andrew; Binder, Mary Beth  
Med Ad News, v18, n1, p74(1)  
Jan, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 57

Highlights of the site include an interactive **physician referral** system, an **online** medical history registry, and a **doctor** inquiry service.

Integrated Medical Technologies develops state-of-the-art digital and medical information technology...

32/3,K/45 (Item 28 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06057222 Supplier Number: 54437007 (USE FORMAT 7 FOR FULLTEXT)  
**Trade groups diagnose pay policy as unsound.**  
DAKINS, DEBORAH R.  
Telehealth Magazine, v4, n6, p7(1)  
Oct, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1230

... all forms of medical services that do not require face-to-face contact provided via **telemedicine**."

Another issue related to HCFA's insistence on real-time, interactive video is the agency's requirement that the **referring physician** be present during the **telemedicine** consultation as patient presenter. This mandate subjects **telemedicine** services to a higher standard than now exists, Perednia wrote.

"Patient care does not demand...

...consider reimbursement for all nonphysician, Medicare-eligible providers, including RNs, at the same level as **physician** presenters.

#### FEE SCHEMES

The issue of payment for **telemedicine** services and how they will be delivered is specified in the BBA, which requires that reimbursement be split between the **referring** provider and the consulting **physician**. But HCFA's interpretation of how payment will be administered was the topic of several...noted.

Precedent for such a fee scheme already exists in surgery when more than one **surgeon** is involved in a case, he added.

The ATSP further **recommends** that a third modifier be established for cases in which **telemedicine** consults occur without the participation

of a presenting provider, such as home healthcare environments. In...

**32/3,K/48 (Item 31 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05907030 Supplier Number: 53125818 (USE FORMAT 7 FOR FULLTEXT)  
**Premier Research Worldwide Reports Strong Revenue Growth And Profitable  
Third Quarter Operating Results; Announces Strategic Relationship with  
Nelson Communications Inc.**  
PR Newswire, p9714  
Oct 26, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 840

... quarter, we announced our investment in America's Doctor, an Internet company providing real-time **physician** chat, **referrals** and healthcare events on America **Online** 's (AOL) Health web site. We are pleased to report that America's Doctor became...

**32/3,K/50 (Item 33 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05843533 Supplier Number: 50357672 (USE FORMAT 7 FOR FULLTEXT)  
**Telemedicine's Advocate in Washington**  
Gilbert, Jennifer A.  
Health Data Management, p44  
Sept, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2240

... interactive technology.  
The Health Care Financing Administration, which administers Medicare, recently proposed limiting payment for **telemedicine** services mainly to interactive teleconsultations with both the **referring** primary care **physician** and specialty **physician** participating (see August issue, page 16). Specifically, the administration is rejecting having Medicare pay for ...

**32/3,K/69 (Item 52 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04961612 Supplier Number: 47290525 (USE FORMAT 7 FOR FULLTEXT)  
**VSI Receives Order From Interclinical For Telemedicine Systems**  
PR Newswire, p0411ATF005  
April 11, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 509

... countries throughout the Middle East. Those sites will be linked to ITN's Heart Hospital **Telemedicine Referral** Centre, on Wimpole Street in London, via the Interclinical **Telemedicine** Network (ITN). **Specialists**



will be available 24 hours a day to provide consultations, opinions and assistance to **referring doctors** and **surgeons** using ITN systems.

Richard K. Snelling, Chairman and CEO of VSI, said, "The Interclinical order...

32/3,K/79 (Item 62 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04534380 Supplier Number: 46662739 (USE FORMAT 7 FOR FULLTEXT)  
**Ameritech Health Information Network Of Tennessee Signs PHP Companies Inc.**  
PR Newswire, p0829CLMTH011  
August 29, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 603

... feel on the computer regardless of how and where the information is stored.

In addition, **physicians** can create and receive **referrals** electronically, with **specialist** information available **on - line**. **Referrals** are e-mailed to participating **physicians** and automatically faxed to non-participating physicians.

"Signing PHP is a giant step forward in...

32/3,K/87 (Item 70 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

03316943 Supplier Number: 44584833 (USE FORMAT 7 FOR FULLTEXT)  
**\$4 MILLION IN U.S. GRANTS AVAILABLE TO LINK TELEMEDICINE NETWORKS**  
Washington Telecom News, v2, n15, pN/A  
April 11, 1994  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 550

... would provide comprehensive, coordinated health care services to rural residents served by the system through **referrals**, consultations, and support systems that ensure patient access to a comprehensive set of services and reduce **practitioner** isolation.

Consultation through **telemedicine** can be between two **practitioners**, with or without the patient present; between a specialty practitioner, with or without patients present...

32/3,K/122 (Item 19 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08912761 SUPPLIER NUMBER: 18609153  
**Enhance regional presence with videoconferencing. (Pathway Health Network in Massachusetts and Georgia Statewide Academic and Medical System)**  
**(includes related articles on specific technology challenges and solutions) (Technology Information)**  
Health Management Technology, v17, n9, p32(2)

August, 1996

LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1374      LINE COUNT: 00127

... telecommunications technology, patients remain in their own communities while receiving specialized medical consultation. The MCG **Telemedicine** Center is linked to rural hospitals, medical centers, **physician** offices and correctional facilities.

In effect, the **referring physician** is able to participate in a tutorial with the consulting physician who is also a...

**32/3,K/141      (Item 7 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

03701635      Supplier Number: 47989161 (USE FORMAT 7 FOR FULLTEXT)

**Use Web as Medium for Research, Not as a Marketing Tool**

Physician Manager, pN/A

Sept 19, 1997

Language: English      Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 270

... in health care will be to facilitate internal communications " allowing doctors to talk to other **physicians** and payers, conduct **on - line referrals** and check benefits, credentials and similar efforts, he predicts.

The problem with the WWW as...

**32/3,K/149      (Item 15 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

03234451      Supplier Number: 46632580 (USE FORMAT 7 FOR FULLTEXT)

**Blues Partners with Start-Ups, Cuts Advanced Network Cost**

Physician Manager, v7, n15, pN/A

August 16, 1996

Language: English      Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 212

... the more than 7,000 Massachusetts physicians who subscribe to the Blues' Healthwire.

Healthwire, an **on - line**, real-time eligibility and **referral** authorization system, connects **doctors** to the plan and to other third-party payers such as Medicaid. When the patient...

**32/3,K/162      (Item 28 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

02734899      Supplier Number: 45549032 (USE FORMAT 7 FOR FULLTEXT)

**HMO to Manage Specialists With Rural Telemedicine Test**

Information Management Strategies for Healthcare Executives, v2, n10, pN/A  
May 18, 1995

Language: English      Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 445

pilot program to leverage the use of its Danville-based cardiac and trauma **specialists** in an affiliation with rural providers 80 miles away.

The **telemedicine** network will connect the Geisinger **referral** center to a primary care **physician** 's office in Renovo, Pa.; a Renovo-based hospital; and a Jersey Shore hospital.  
Time...

32/3,K/179 (Item 13 from file: 149)  
DIALOG(R)File 149:TGG Health&Wellness DB(SM)  
(c) 2005 The Gale Group. All rts. reserv.

01608417 SUPPLIER NUMBER: 17855420 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Telemedicine: where is technology taking us?**

Ruffin, Marshall

Physician Executive, v21, n12, p43(2)

Dec,

1995

PUBLICATION FORMAT: Magazine/Journal ISSN: 0898-2759 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Professional

WORD COUNT: 1227 LINE COUNT: 00097

... he or she would otherwise have to spend driving hundreds of miles to a distant **referral** center, it is unlikely that the live television-style video-conferences will be the dominant form of **telemedicine** .

In most situations where a **physician** wants counsel from another **physician** on the best way to manage a patient, the physician can benefit substantially from a...

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File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200548

(c) 2005 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	177	TELEMEDICINE
S2	87688	REFERR??? ? OR REFER??? ? OR RECOMMEND?
S3	30796	RESEARCH?
S4	666218	SEARCH?
S5	28021	SPECIALIST? ? OR PRACTITIONER? ? OR DOCTOR? ? OR THERAPIST? ? OR PHYSICIAN? ? OR SURGEON? ? OR CONSULTANT?
S6	2298	(MEDICAL OR HEALTH OR HEALTHCARE OR CARE) (1W) (PROVIDER? ? - OR PROFESSIONAL? ?) OR CLINICIAN?
S7	1377683	ONLINE OR LINE OR CYBERSPACE OR CYBER OR COMPUTERIS? OR CO- MPUTERIZ? OR VIRTUAL
S8	30092	(E OR ELEC OR ELECTRONIC OR COMPUTER) ( ) (MAIL???? ? OR MESS- AG? OR CORRESPOND?)
S9	2460	EMAIL? OR EMESSAG? OR ECORRESPONDEN?
S10	1539972	MAIL???? ? OR MESSAG? OR CORRESPOND?
S11	7	S1 AND S2
S12	2	S1 AND CONSULTANT?
S13	4931	S7:S10(5N)S2
S14	67	S13(5N)S3:S6
S15	76	S11:S12 OR S14
S16	76	IDPAT (sorted in duplicate/non-duplicate order)
S17	75	IDPAT (primary/non-duplicate records only)
S18	9	S17 AND AC=US/PR
S19	3	S18 AND AY=(1960:1999)/PR
S20	23	S17 AND PY=1960:1999
S21	26	S19:S20
S22	10	S1 AND EXPERT? ?
S23	4	S13(5N)EXPERT? ?
S24	14	S22:S23
S25	5	S24 AND AC=US/PR
S26	4	S25 AND AY=(1960:1999)/PR
S27	3	S24 AND PY=1960:1999
S28	3	S27 NOT S21

*Patents*  
*abstracts*

21/9/14 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013957589 \*\*Image available\*\*  
WPI Acc No: 2001-441803/200147  
Related WPI Acc No: 2004-374259  
XRAM Acc No: C01-133543  
XRPX Acc No: N01-326797

**Interactive remote drug dose-physiologic response monitoring system for implantable medical devices, comprises monitoring physiological signs for compliance with prescriptive regimen and checking drug interaction in patient**

Patent Assignee: MEDTRONIC INC (MEDT )  
Inventor: FERREK-PETRIC B; WARKENTIN D H  
Number of Countries: 023 Number of Patents: 007  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200149364	A2	20010712	WO 2000US31890	A	20001120	200147 B
US 20020111542	A1	20020815	US 99475709	A	19991230	200256
			US 2002123958	A	20020417	
EP 1246663	A2	20021009	EP 2000980586	A	20001120	200267
			WO 2000US31890	A	20001120	
US 6471645	B1	20021029	US 99475709	A	19991230	200274
US 6824512	B2	20041130	US 99475709	A	19991230	200479
			US 2002123958	A	20020417	
EP 1246663	B1	20050202	EP 2000980586	A	20001120	200510
			WO 2000US31890	A	20001120	
DE 60017943	E	20050310	DE 17943	A	20001120	200519
			EP 2000980586	A	20001120	
			WO 2000US31890	A	20001120	

Priority Applications (No Type Date): US 99475709 A 19991230; US 2002123958 A 20020417

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200149364	A2	E	26	A61N-001/00	
				Designated States (National): CA JP	
				Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR	
US 20020111542	A1			A61B-005/00	Cont of application US 99475709
EP 1246663	A2	E		A61N-001/00	Based on patent WO 200149364
				Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR	
US 6471645	B1			A61B-005/00	
US 6824512	B2			A61B-005/00	Cont of application US 99475709
					Cont of patent US 6471645
EP 1246663	B1	E		A61N-001/00	Based on patent WO 200149364
				Designated States (Regional): DE FR	
DE 60017943	E			A61N-001/00	Based on patent EP 1246663
					Based on patent WO 200149364

Abstract (Basic): WO 200149364 A2

NOVELTY - Implantable medical devices (10,10',10'') implanted in a patient under a prescriptive regimen, communicate with a pill dispenser (20') to specify when pills are removed from the dispenser and taken by a patient, where the medical devices monitor a patient's physiological signs for compliance with a prescriptive regimen, and check drug interaction in a patient.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a wireless communication system for remote drug dose monitoring.

USE - The implantable devices are used for remotely monitoring drug dosage and physiological conditions of patients, having one or more implantable medical devices (IMDs) such as a defibrillator or pacemaker, neural implant, drug pump, or a separate physiologic monitor, in a patient, via an external medical device and through networks such as community access television, LAN, WAN, ISDN, PSTN, internet, wireless network, ATM network, laser wave network, satellite and mobile.

ADVANTAGE - Since the drug interaction in a patient is monitored by implantable medical devices (IMD) communicating with a pill dispenser, the drug related clinical information is disseminated world wide while maintaining a high standard of patient care remotely at reduced cost. The system provides a dynamic drug management system in which the drug dose is chronically monitored by the IMDs to enhance drug effectiveness as well as monitor patient compliance with a **recommended** drug administration regimen. A robust communication system integrated within a remote expert data center in a web-enabled environment to transmit the IMDs' data to a physician for evaluation and review, thereby enhancing the delivery of therapy and clinical care remotely, is offered. A highly integrated and efficient method and structure of clinical information management, is realized. The system has significant compatibility and scalability to other web-based applications such as **telemedicine** and emerging web-based technologies such as tele-immersion.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram explaining major uplink and downlink telemetry communication between a remote clinical station, programmer and implantable medical devices.

Implantable medical devices (10,10',10'')

Pill dispenser (20')

pp; 26 DwgNo 1/5

Title Terms: INTERACT; REMOTE; DRUG; DOSE; RESPOND; MONITOR; SYSTEM;  
IMPLANT; MEDICAL; DEVICE; COMPRISE; MONITOR; PHYSIOLOGICAL; SIGN;  
COMPLIANT; REGIMEN; CHECK; DRUG; INTERACT; PATIENT

Derwent Class: B07; P31; P34; S05

International Patent Class (Main): A61B-005/00; A61N-001/00

File Segment: CPI; EPI; EngPI

Manual Codes (CPI/A-N): B11-C03; B11-C04A; B11-C08; B12-K04A; B12-K04E

Manual Codes (EPI/S-X): S05-C05; S05-M02

Chemical Fragment Codes (M6):

\*01\* M905 P831 Q505 R501 R515 R521 R528 R627 R633

?

28/9/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

05447940 \*\*Image available\*\*  
CONSULTATION SYSTEM

PUB. NO.: 09-062740 [JP 9062740 A]  
PUBLISHED: March 07, 1997 ( 19970307)  
INVENTOR(s): TERAHAMA YUKINORI  
MIZUNO HIROTAKA  
KOJIMA HIROYUKI  
OMURA MASATOSHI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-236103 [JP 95236103]  
FILED: August 22, 1995 (19950822)  
INTL CLASS: [6] G06F-017/60; G06F-009/44; G06F-013/00; G06F-019/00  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.1  
(INFORMATION PROCESSING -- Arithmetic Sequence Units); 45.2  
(INFORMATION PROCESSING -- Memory Units)

#### ABSTRACT

PROBLEM TO BE SOLVED: To discriminate whether a routine consultation or an expert staff consultation according to consultation contents on the basis of past consultation examples and to make a connection to a member of an expert staff matching the consultation contents.

SOLUTION: The figure shows the center part of the consultation system and the center is connected to a user terminal through a communication network. A service management device 30 decides which of the fixed type consultation and expert staff consultation the consultation contents correspond to by referring to a history information storage device 70 and transfers the consultation contents to an unmanned information server 20 or staff operation information server 10. The unmanned information server 20 generates a consultation record sheet according to the consultation contents and a member of the staff performs retrieval from a consultation example data base 90 by using an input device 1 and an output device 2 to obtain a consultation answer. The obtained consultation answer is sent to the user terminal through the service management device 30.

28/9/3 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

009684139 \*\*Image available\*\*  
WPI Acc No: 1993-377693/ 199347  
XRPX Acc No: N93-291634

Computerised expert credit recommendation system for credit  
analysis automation and training analysts - has database and stored  
program, with data on computer being processed by decision matrix tree  
that emulates thought processes of credit experts

Patent Assignee: ITT CORP (INTT )  
Inventor: GERS H; MATE K V; RUHLIN K A; SALADIN E F  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week

US 5262941      A    19931116    US 90502850      A    19900330    199347    B

Priority Applications (No Type Date): US 90502850 A 19900330

Patent Details:

Patent No    Kind    Lan    Pg    Main    IPC    Filing    Notes

US 5262941      A            12    G06F-015/20

Abstract (Basic): US 5262941 A

A computer utilises an expert credit recommendation program in conjunction with data input by a user to assign to each of the criteria a standardised rating value from the knowledge base. The assigned standardised rating value is utilised to simulate a number of decision matrices arranged in a defined decision matrix tree series, having a financial branch and a dealer rating branch.

The system determines and assigns a defined standardised rating value to a resulting criterion for each branch point in the matrix tree series. The value is applied in a subsequent decision matrix until a final decision matrix is reached. After all the data has been entered by the user in a set series of queries, the system generates an overall rating which is displayed to the user on a device specified by the value assigned to a final criterion resulting from the financial branch and the value assigned to a final criterion resulting from the dealer rating branch.

ADVANTAGE - Helps lending organisation ensure uniform standard in credit evaluation process, with better and more thorough supervision of subordinates.

Dwg.1/4

Title Terms: COMPUTER; EXPERT; CREDIT; SYSTEM; CREDIT; ANALYSE; AUTOMATIC; TRAINING; DATABASE; STORAGE; PROGRAM; DATA; COMPUTER; PROCESS; DECIDE; MATRIX; TREE; PROCESS; CREDIT

Derwent Class: T01

International Patent Class (Main): G06F-015/20

International Patent Class (Additional): G06G-007/52

File Segment: EPI

Manual Codes (EPI/S-X): T01-J05A1; T01-J05B4; T01-J16A

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9101	(models same display\$3)	US-PGPUB	OR	OFF	2007/06/13 10:57
L2	4010	(models same display\$3) and resources	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 10:57
L3	7308	(models same display\$3) and sources	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 10:57
L4	20	3 and (view near2 models) and tags	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 10:58
L5	1	(view near2 models).clm. and tags	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 10:59
L6	0	(view near2 models).clm. and tags. clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 10:59
L7	35	(view with models).clm. and tags. clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 10:59
L8	42	(view with model\$1).clm. and tags. clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 11:02

## EAST Search History

L9	243	(reusable with components).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 11:02
L10	3	(reusable with components).clm. and (reusable with views).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 11:32
L11	26931	707/3 or 707/5 or 707/10 or 707/104.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 11:32
L12	477	11 and ((human with search) or (search with assistance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 11:34
L13	71	12 and (expert\$ same search)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 11:33
L14	9	13 and (formulating same search)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 11:34
L15	246	((human with search) or (search with assistance)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 11:34
L16	8	15 and (formulating same search). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 11:34